

Urban Area



Tags

NGDA, Governmental Units and Administrative and Statistical Boundaries Theme, National Geospatial Data Asset, Nation, Polygon, Urban Area, UA, Urbanized Areas, Urban Cluster, UC, Boundaries

Summary

In order for others to use the information in the Census MAF/TIGER database in a geographic information system (GIS) or for other geographic applications, the Census Bureau releases to the public extracts of the database in the form of TIGER/Line Shapefiles.

Description

The TIGER/Line shapefiles and related database files (.dbf) are an extract of selected geographic and cartographic information from the U.S. Census Bureau's Master Address File / Topologically Integrated Geographic Encoding and Referencing (MAF/TIGER) Database (MTDB). The MTDB represents a seamless national file with no overlaps or gaps between parts, however, each TIGER/Line shapefile is designed to stand alone as an independent data set, or they can be combined to cover the entire nation. After each decennial census, the Census Bureau delineates urban areas that represent densely developed territory, encompassing residential, commercial, and other nonresidential urban land uses. In general, this territory consists of areas of high population density and urban land use resulting in a representation of the "urban footprint." There are two types of urban areas: urbanized areas (UAs) that contain 50,000 or more people and urban clusters (UCs) that contain at least 2,500 people, but fewer than 50,000 people (except in the U.S. Virgin Islands and Guam which each contain urban clusters with populations greater than 50,000). Each urban area is identified by a 5-character numeric census code that may contain leading zeroes.

Credits

There are no credits for this item.

Use limitations

The TIGER/Line Shapefile products are not copyrighted however TIGER/Line and Census TIGER are registered trademarks of the U.S. Census Bureau. These products are free to use in a product or publication, however acknowledgement must be given to the U.S. Census Bureau as the source. The boundary information in the TIGER/Line Shapefiles are for statistical data collection and tabulation purposes only; their depiction and designation for statistical purposes does not constitute a determination of jurisdictional authority or rights of ownership or entitlement and they are not legal land descriptions. Coordinates in the TIGER/Line shapefiles have six implied decimal places, but the positional accuracy of these coordinates is not as great as the six decimal places suggest.

Extent

West -170.789179 East 145.790884

North 71.307227 South -14.373776

Scale Range

Maximum (zoomed in) 1:5,000

Minimum (zoomed out) 1:150,000,000

ArcGIS Metadata

Topics and Keywords

* CONTENT TYPE Downloadable Data

Citation ►

TITLE **Urban Area**
PRESENTATION FORMATS * digital map

Resource Details

DATASET LANGUAGES * English (UNITED STATES)
SPATIAL REPRESENTATION TYPE * vector
* PROCESSING ENVIRONMENT Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS
10.3.0.4322
ARCGIS ITEM PROPERTIES
* NAME urban_area_v3

Extents

EXTENT
GEOGRAPHIC EXTENT
BOUNDING RECTANGLE
EXTENT TYPE Extent used for searching
* WEST LONGITUDE -170.789179
* EAST LONGITUDE 145.790884
* NORTH LATITUDE 71.307227
* SOUTH LATITUDE -14.373776
* EXTENT CONTAINS THE RESOURCE Yes
EXTENT IN THE ITEM'S COORDINATE SYSTEM
* WEST LONGITUDE -19012164.439281
* EAST LONGITUDE 16229366.969181
* SOUTH LATITUDE -1617134.108178
* NORTH LATITUDE 11508147.422971
* EXTENT CONTAINS THE RESOURCE Yes

Resource Constraints

CONSTRAINTS
LIMITATIONS OF USE
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Spatial Reference

ARCGIS COORDINATE SYSTEM
* TYPE Projected
* GEOGRAPHIC COORDINATE REFERENCE GCS_WGS_1984
* PROJECTION WGS_1984_Web_Mercator_Auxiliary_Sphere
* COORDINATE REFERENCE DETAILS
PROJECTED COORDINATE SYSTEM
WELL-KNOWN IDENTIFIER 102100
X ORIGIN -22049651.1397416
Y ORIGIN -30241100
XY SCALE 144128675.89160812
Z ORIGIN -100000
Z SCALE 10000
M ORIGIN -100000
M SCALE 10000
XY TOLERANCE 0.001
Z TOLERANCE 0.001
M TOLERANCE 0.001
HIGH PRECISION true
LATEST WELL-KNOWN IDENTIFIER 3857
WELL-KNOWN TEXT PROJCS["WGS_1984_Web_Mercator_Auxiliary_Sphere",GEOGCS
["GCS_WGS_1984",DATUM["D_WGS_1984",SPHEROID
["WGS_1984",6378137.0,298.257223563]],PRIMEM["Greenwich",0.0],UNIT
["Degree",0.0174532925199433]],PROJECTION["Mercator_Auxiliary_Sphere"],PARAMETER

["False_Easting",0.0],PARAMETER["False_Northing",0.0],PARAMETER
["Central_Meridian",0.0],PARAMETER["Standard_Parallel_1",0.0],PARAMETER
["Auxiliary_Sphere_Type",0.0],UNIT["Meter",1.0],AUTHORITY["EPSG",3857]]
REFERENCE SYSTEM IDENTIFIER
* VALUE 3857
* CODESPACE EPSG
* VERSION 8.2.6

Spatial Data Properties

VECTOR
* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only
GEOMETRIC OBJECTS
FEATURE CLASS NAME urban_area_v3
* OBJECT TYPE composite
* OBJECT COUNT 3601
ARCGIS FEATURE CLASS PROPERTIES
FEATURE CLASS NAME urban_area_v3
* FEATURE TYPE Simple
* GEOMETRY TYPE Polygon
* HAS TOPOLOGY FALSE
* FEATURE COUNT 3601
* SPATIAL INDEX TRUE
* LINEAR REFERENCING FALSE

Distribution

DISTRIBUTION FORMAT
* NAME File Geodatabase Feature Class

Fields

DETAILS FOR OBJECT urban_area_v3
* TYPE Feature Class
* ROW COUNT 3601
DEFINITION
2010 Census Urban Area National Shapefile
DEFINITION SOURCE
U.S. Census Bureau

FIELD OBJECTID
* ALIAS OBJECTID
* DATA TYPE OID
* WIDTH 4
* PRECISION 0
* SCALE 0
* FIELD DESCRIPTION
Internal feature number.
* DESCRIPTION SOURCE
Esri
* DESCRIPTION OF VALUES
Sequential unique whole numbers that are automatically generated.

FIELD Shape
* ALIAS Shape
* DATA TYPE Geometry
* WIDTH 0
* PRECISION 0
* SCALE 0
* FIELD DESCRIPTION
Feature geometry.
* DESCRIPTION SOURCE
Esri
* DESCRIPTION OF VALUES
Coordinates defining the features.

FIELD UACE10

- * ALIAS UACE10
- * DATA TYPE String
- * WIDTH 5
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

2010 Census urban area code

DESCRIPTION SOURCE

U.S. Census Bureau

RANGE OF VALUES

MINIMUM VALUE 00001

MAXIMUM VALUE 98999

FIELD GEOID10

- * ALIAS GEOID10
- * DATA TYPE String
- * WIDTH 5
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Urban area identifier, a concatenation of Current state Federal Information Processing Series (FIPS) code and urban area code

DESCRIPTION SOURCE

U.S. Census Bureau

DESCRIPTION OF VALUES

The GEOID10 attribute is a concatenation of the state FIPS code followed by the urban area code. No spaces are allowed between the two codes. The State FIPS code is taken from "National Standard Codes (ANSI INCITS 38-2009), Federal Information Processing Series (FIPS)- States". The urban area code is taken from the "UACE10" attribute.

FIELD NAME10

- * ALIAS NAME10
- * DATA TYPE String
- * WIDTH 100
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

2010 Census urban area name

DESCRIPTION SOURCE

U.S. Census Bureau

DESCRIPTION OF VALUES

Values for this attribute are composed of a set of Census urban area names. As such, they do not exist in a known, predefined set.

FIELD NAMELSAD10

- * ALIAS NAMELSAD10
- * DATA TYPE String
- * WIDTH 100
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

2010 Census name and the translated legal/statistical area description for urban area

DESCRIPTION SOURCE

U.S. Census Bureau

DESCRIPTION OF VALUES

Refer to the name in the 'NAME' field and the translated legal/statistical area description code for urban areas

FIELD LSAD10

- * ALIAS LSAD10
- * DATA TYPE String
- * WIDTH 2
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

2010 Census legal/statistical area description code for urban area

DESCRIPTION SOURCE

U.S. Census Bureau

LIST OF VALUES

VALUE 75

DESCRIPTION Urbanized Area

ENUMERATED DOMAIN VALUE DEFINITION SOURCE U.S. Census Bureau

VALUE 76

DESCRIPTION Urban Cluster

ENUMERATED DOMAIN VALUE DEFINITION SOURCE U.S. Census Bureau

FIELD MTFCC10

* ALIAS MTFCC10

* DATA TYPE String

* WIDTH 5

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

MAF/TIGER feature class code

DESCRIPTION SOURCE

U.S. Census Bureau

LIST OF VALUES

VALUE G3500

DESCRIPTION Urban Area

ENUMERATED DOMAIN VALUE DEFINITION SOURCE U.S. Census Bureau

FIELD UATYP10

* ALIAS UATYP10

* DATA TYPE String

* WIDTH 1

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

2010 Census urban area type

DESCRIPTION SOURCE

U.S. Census Bureau

LIST OF VALUES

VALUE U

DESCRIPTION Urbanized Area (suffix)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE U.S. Census Bureau

VALUE C

DESCRIPTION Urban cluster (suffix)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE U.S. Census Bureau

FIELD FUNCSTAT10

* ALIAS FUNCSTAT10

* DATA TYPE String

* WIDTH 1

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

2010 Census functional status

DESCRIPTION SOURCE

U.S. Census Bureau

LIST OF VALUES

VALUE S

DESCRIPTION Statistical entity

ENUMERATED DOMAIN VALUE DEFINITION SOURCE U.S. Census Bureau

FIELD ALAND10

* ALIAS ALAND10

* DATA TYPE Double

* WIDTH 8

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

2010 Census land area (square meters)

DESCRIPTION SOURCE

U.S. Census Bureau

RANGE OF VALUES

MINIMUM VALUE 0

MAXIMUM VALUE 9,999,999,999,999

FIELD AWATER10

* ALIAS AWATER10

* DATA TYPE Double

* WIDTH 8

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

2010 Census water area (square meters)

DESCRIPTION SOURCE

U.S. Census Bureau

RANGE OF VALUES

MINIMUM VALUE 0

MAXIMUM VALUE 9,999,999,999,999

FIELD INTPTLAT10

* ALIAS INTPTLAT10

* DATA TYPE String

* WIDTH 11

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

2010 Census latitude of the internal point

DESCRIPTION SOURCE

U.S. Census Bureau

RANGE OF VALUES

MINIMUM VALUE -90.000000

MAXIMUM VALUE 90.000000

FIELD INTPTLON10

* ALIAS INTPTLON10

* DATA TYPE String

* WIDTH 12

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

2010 Census longitude of the internal point

DESCRIPTION SOURCE

U.S. Census Bureau

RANGE OF VALUES

MINIMUM VALUE -180.000000

MAXIMUM VALUE 180.000000

FIELD Shape_Length

* ALIAS Shape_Length

* DATA TYPE Double

* WIDTH 8

* PRECISION 0

* SCALE 0

* FIELD DESCRIPTION

Length of feature in internal units.

* DESCRIPTION SOURCE

Esri

* DESCRIPTION OF VALUES

Positive real numbers that are automatically generated.

FIELD Shape_Area

* ALIAS Shape_Area

* DATA TYPE Double

* WIDTH 8

* PRECISION 0

* SCALE 0

* FIELD DESCRIPTION

Area of feature in internal units squared.

* DESCRIPTION SOURCE

Esri

* DESCRIPTION OF VALUES

Positive real numbers that are automatically generated.

Metadata Details

* METADATA LANGUAGE English (UNITED STATES)

SCOPE OF THE DATA DESCRIBED BY THE METADATA * dataset

SCOPE NAME * dataset

* LAST UPDATE 2016-07-26

ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0

METADATA STYLE FGDC CSDGM Metadata

STANDARD OR PROFILE USED TO EDIT METADATA FGDC

CREATED IN ARCGIS FOR THE ITEM 2016-03-24 17:00:28

LAST MODIFIED IN ARCGIS FOR THE ITEM 2016-07-26 13:55:31

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes

LAST UPDATE 2016-07-26 13:55:04